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DIALOG(R)File 351:Derwent WPI

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Elastomer based heat adhesive conjugate fibre - comprises heat adhesive component and non-heat adhesive component comprising thermoplastic elastomers

Patent Assignee: TOYOBO KK (TOYM )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 6306708	A	19941101	JP 9397839	A	19930423	199503 B
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Priority Applications (No Type Date): JP 9397839 A 19930423

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 6306708	A	8		D01F-008/04	
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Abstract (Basic): JP 6306708 A

An elastomer based heat adhesive conjugate fibre comprises a heat adhesive component and a non-heat adhesive component comprising thermoplastic elastomers. The heat adhesive component is a thermoplastic elastomer having more than 30 wt.% of soft segment content and high m.pt.. The non-heat adhesive component comprises a thermoplastic elastomer having 30 deg. C or more of higher m.pt. than that of the above heat adhesive component. Three-dimensional crimp based on the latent crimp ability is still undeveloped.\$

The thermoplastic elastomer is polyester.\$

USE/ADVANTAGE - Useful for cushion material such as a seat from automobile, electric car, shipping bed furniture, and stretchable nonwoven fabric, e.g., sanitary base material, shoulder pad, brassiere cap, base fabric of artificial leather or velour fabric, pad for sanitary materials, etc.. Good air permeability.

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Derwent Class: A23; A32; F01; P26; Q39

International Patent Class (Main): D01F-008/04

International Patent Class (Additional): A47C-027/00; B68G-001/00;

D01F-006/86 ; D01F-008/14